



FINAL PROGRAMME

IAEA/ANSN Workshop on
“Sustainable Management of Disused Sealed Sources – Working Towards Disposal”
Chiang Mai, Thailand, 12-16 January 2009

MONDAY, JANUARY 12

Morning Session (9:30 – 12:00)

Introduction and Keynote Presentations

Opening and Welcoming Addresses

- Dr. Somporn Chongkum, Executive Director, TINT, Thailand
- J-M. Potier, IAEA

Challenges and Issues to Manage SRS Safely and Securely (J-M. Potier, IAEA)

International Cooperation

Session Chairperson: S. Thiangtronjit (TINT, Thailand)
Rapporteur: F. King (Canada)

Overview of the Asian Nuclear Safety Network – ANSN (E. Marcelo, PNRI, Philippines)

The Australian Regional Security of Radioactive Sources – RSRS – Project (A. Murray, ANSTO, Australia)

US Global Threat Reduction Initiative – GTRI - for DSRS Management (N. Pope, LANL, USA)

An Industry Perspective on the Management of Disused Sources (B. Menna, Best Theratronics Ltd, Canada, on behalf of the International Source Suppliers and Producers Association - ISSPA)

The Code of Conduct on Safety and Security of Radioactive Sources: Implications for Long-term Management of Disused and Orphan Sources (A. Murray, ANSTO, Australia)

Afternoon Session (13:30 – 17:30)

Session Chairperson: S. Momenzadeh (AEOI, Iran)
Session Rapporteur: R. Little (UK)

The IAEA’s approach to the security of Disused Sealed Radioactive Sources (DSRS) (D. Winter, IAEA)

National Strategies for DSRS Management

Management of DSRS in Thailand (N. Ya-Anant, TINT, Thailand)

Management of DSRS in Australia (L. Dimitrovski, ANSTO, Australia)

Management of DSRS in China (Z. Fan, CIRP, China)

Management of DSRS in France (F. Gerard, ANDRA, France)

Management of DSRS in Japan (S. Futatsukawa, Japan Radioisotope Association, JRIA)

Management of DSRS in Tanzania (P.F. Banzi, TAEC, Tanzania)

TUESDAY, JANUARY 13

Morning Session (9:00 – 12:00)

Session Chairperson / Moderator: A. Murray (ANSTO, Australia)

Rapporteur: L. Nachmilner (IAEA)

Roundtable Discussion: National Strategies for DSRS Management and other issues raised during Monday's presentations.

Panellists : Monday p.m. speakers

DSRS Storage

DSRS Storage Options – an overview (P. Ormai, PURAM, Hungary)

Overview of GTRI Projects on Securing and Building Storage Facilities (T. Chamberlain, PNNL, USA)

Development of DSRS storage facilities in Moldova (I. Gisca, Moldova)

IAEA / NECSA mobile hot cell for the conditioning of high-activity sources (L. Nel, NECSA, South Africa)

Afternoon Session (13:30 – 17:00)

Session Chairperson: M. Palattao (PNRI, Philippines)

Rapporteur: T. Chamberlain (PNNL, USA)

DSRS Storage (cont'd)

The IAEA's approach to DSRS safe and secure storage (J. Rowat / L. Nachmilner / D. Winter, IAEA)

- IAEA Safety Standards for DSRS storage
- Developing a modular design for storage facilities for LLRW and DSRS
- Strengthening the security of existing facilities (DSRS storage)

SADRWMS: The IAEA Project for Safety Assessment of Predisposal Waste Management Facilities Project – (G. Williams, ARPANSA, Australia)

Experience with Retrieval of DSRS from Storage and Legacy Disposal Facilities (P. Ormai, PURAM, Hungary)

Roundtable Discussion on issues raised during the presentations.

WEDNESDAY, JANUARY 14

Morning Session (9:00 – 12:00)

Session Chairperson: M. Mallaupoma (IPEN, Peru)
Rapporteur: L. Dimitrovski (ANSTO, Australia)

DSRS Disposal: The current status of DSRS disposal in Member States:

- Overview of Disposal Options for DSRS (I. Crossland, UK)
- Disposal of DSRS in Latvia (A. Abramenskova, BAPA, Latvia)
- Current Practices and Ongoing Initiatives for the Disposal of DSRS in the United States (J. Joyce, US DOE, USA)
- Co-disposal of DSRS at a low level waste disposal facility in Iran (S. Momenzadeh, AEOI, Iran)
- Identification of Disposal Facilities for DSRS in France (F. Gérard, ANDRA, France)

Afternoon Session (13:30 – 17:00)

Session Chairperson: F. Gérard (ANDRA, France)
Rapporteur: J. Joyce (US DOE, USA)

DSRS Disposal (cont'd): The "BOSS" borehole disposal approach: Safety and Implementation:

- Design of the Borehole Disposal Concept (L. Nel, NECSA, South Africa)
- Planning for Borehole Disposal of DSRS (I. Crossland, UK)
- The Development and Application of the Generic Post-Closure Safety Assessment for Borehole Disposal of Disused Sealed Sources (R. Little, UK)
- Corrosion Analysis for the Borehole Disposal Concept Generic Safety Assessment (F. King, Canada)
- Issues in the Siting of a BOSS Disposal Facility (E. Raubenheimer, NECSA, South Africa)
- BOSS Implementing in Ghana (L. Nachmilner / I. Crossland / L. Nel / E. Raubenheimer)
- IAEA "Documentation Package" for Implementation of the BOSS Borehole Disposal System (L. Nachmilner, IAEA).

THURSDAY, JANUARY 15

Morning Session (9:00 – 12:00)

Session Chairperson: G. Williams (ARPANSA, Australia)
Rapporteur: I. Crossland (UK)

DSRS Disposal (cont'd): Regulatory aspects:

- IAEA Safety Guide DS 335 - Borehole Disposal Facilities for Radioactive Waste (G. Williams, ARPANSA, Australia).
- Regulatory Review and Authorization for Disposal of DSRS (G. Robertson, DOH-WA, USA)

Working Group Session:

Finding Suitable Options for DSRS – Challenges and Solutions.

Topics for Working Group Sessions:

- Obstacles to implementation of disposal
- Storage and disposal
- Extending the borehole disposal concept
- Regulator's role
- Policy and strategy issues including the “non-technical” challenges

Afternoon Session (13:30 – 17:00)

Working Group Session (cont'd):

Finding Suitable Options for DSRS – Challenges and Solutions.

Report of each of the Working Groups

FRIDAY, JANUARY 16

Morning Session (9:00 – 12:00)

Session Chairperson: J-M. Potier (IAEA)

Session Coordinator: J. Rowat (IAEA)

Session Summaries:

Presentations by Session Chairman/Rapporteur:

- International Cooperation
- National Strategies for DSRS Management
- DSRS Storage
- DSRS Disposal: The current status of DSRS disposal in Member States:
- DSRS Disposal: The “BOSS” borehole disposal approach
- DSRS Disposal: Regulatory aspects

Findings and Recommendations of the Workshop.

Closure of the Workshop

Notes:

Time budgeting: talks are scheduled for about 20 minutes, followed by ~ 5 minutes for questions/discussion.

Lunch is between 12:00 and 13:30 each day.

Morning and afternoon coffee/tea breaks will be taken at convenient points in the programme.